

CORRES. CONTROL  
OUTGOING LTR. NO.

DOE ORDER 4700.1

05-RF-00108

DIST.	LTR	ENC
ETER, T.J.		
ERRERA, D.W.	X	
NDSAY, D.C.		
ONG, J.		
YLE, J.L.		
ARTINEZ, L.A.		
IZZUTO, V.M.		
HELTON, D.C.		
PEARS, M.S.		
UOR, N.R.		

AMERON, A.G.		
JEAN, C.		
LARK, D.		
REIBOTH, C.		
BIBBS, F.	X	
GOLDEN, L.	X	X
HUMISTON, T.		
JENKINS, T.		

NESTA, S.	X	
PARSONS, D.		
WIEMELT, K.		
PRIMROSE, A.	X	
LINSINBGLER, H.		
SWARTZ, M.	X	X
CABLE, J.		
NININGER, R.		

CORRES. CONTROL	X	X
ADMIN RECRD/T130G	X	X
TRAFFIC		
PATS/130		

CLASSIFICATION:

UCNI		
UNCLASSIFIED		
CONFIDENTIAL		
SECRET		

AUTHORIZED CLASSIFIER  
SIGNATURE:

Date:

IN REPLY TO RFP, CC NO.:

ACTION ITEM STATUS:

☐ PARTIAL/OPEN ☐ CLOSED

LTR APPROVALS:

ORIG. & TYPIST INITIALS:

DLP:pvt

2-05 WED 08:42 AM DOE MAIL CENTER

05 08:53 FAX  
RECEIVED

FAX NO. 303 966 4019

P. 1

4004

FEB - 2 A 7:58

RESPONSE  
CONTROL



FEB - 2 2005

05-RF-00108

Gary Morgan, Functional Lead  
Cadre Project Management Division  
DOE, RFPO

TRANSMITTAL OF THE BUILDING 561 - PRE-DEMOLITION SURVEY REPORT (PDSR)  
DWF-011-05

Provided for your review and approval is the enclosed subject report for the 561 facility. This report characterizes the physical, chemical and radiological hazards associated with this facility, summarizes the characterization activities, defines the Data Quality Objectives developed for this characterization, and presents the data quality assessment, verification and validation of results.

PDS results indicate that radiological contaminants exist in excess of the PDSP unrestricted release limits in portions of the building (i.e., on the slab under Filter Plenums FP-300, FP-301, FP-302, within the Filter Plenums themselves, within the Plenum Deluge Pit and Tank, within the 559-561 Ventilation Tunnel, and within the remaining horizontal and vertical ventilation ducting in the 559-561 Ventilation Tunnel). Fixatives were used to immobilize loose radiological contamination in these areas. Therefore, these areas of the building will be managed as LLW during demolition. All other areas of the facility met the radiological PDSP unrestricted release limits. All friable asbestos has been removed from the building, and all beryllium samples were less than the PDSP unrestricted release limits. There are concrete masonry unit (CMU) cinderblock walls remaining in the building that will be removed and managed as sanitary Non-Friable Category 1 Asbestos Containing Materials (ACM) during building demolition.

Based upon this PDSR and subject to concurrence by the CDPHE, this facility is acceptable for demolition. Please notify Kaiser-Hill when you transmit this document to CDPHE. If you have any questions, do not hesitate to call me or Duane Parsons at extension 6458.

*Dennis W. Ferrera*

Dennis W. Ferrera  
Vice President and Project Manager  
Remediation, Industrial D&D and Site Services

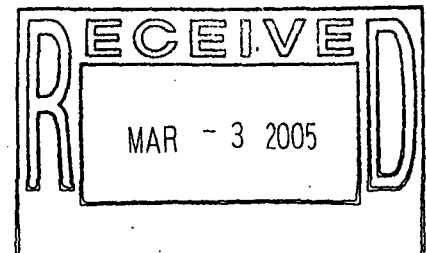
DLP:pvt

Enclosure:  
As Stated

Orig. and 1 cc - G. Morgan

Kaiser-Hill Company, I.L.C.

Rocky Flats Environmental Technology Site, 10808 Highway 93, Unit B, T130F, Golden, CO 80403-8200 • (303) 966-6458



ADMIN RECORD

RF-46469 (Rev. 9/94)

B559-A-000046

**Department of Energy**

ROCKY FLATS PROJECT OFFICE  
10808 HIGHWAY 93, UNIT A  
GOLDEN, COLORADO 80403-8200

FEB 9 2005

05-DOE-00072

Mr. Steven H. Gunderson  
Rocky Flats Cleanup Agreement Project Coordinator  
Colorado Department of Public Health and Environment  
4300 Cherry Creek Drive South  
Denver, Colorado 80246-1530

Dear Mr. Gunderson:

Provided for your review and approval is the enclosed Pre-demolition Survey Report for Buildings B-559 (DWF-009-05) and B-561 (DWF-011-05). These reports characterize the physical, chemical and radiological hazards associated with these facilities, summarize the characterization activities, define the Data Quality Objectives developed for this characterization, and present the data quality assessment, verification and validation of results. Based upon these Pre-Demolition Survey Reports (PDSRs) and subject to concurrence by the Colorado Department of Public Health and Environment, Buildings 559 and 561 remain Rocky Flats Cleanup Agreement Type 2 Facilities pursuant to the Rocky Flats Environmental Technology Site Decommissioning Program Plan (DPP; K-H, 1999) and are ready for demolition. The Facility Disposition Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) notification for these projects was transmitted to your office on February 2, 2005.

The PDSR results indicate that radiological contaminants exist in excess of the PDSP unrestricted release limits in B559 and in portions of B561 (i.e., on the slab under Filter Plenums FP-300, FP-301, FP-302, within the Filter Plenums themselves, within the Plenum Deluge Pit and Tank, within the 559-561 Ventilation Tunnel, and within the remaining horizontal and vertical ventilation ducting in the 559-561 Ventilation Tunnel). Fixatives were applied to immobilize loose radiological contamination. These specific areas of B561 and all of B559 will be managed as LLW during demolition. All other areas of B561 met the radiological PDSP unrestricted release limits. All friable asbestos has been removed from both buildings and all beryllium and RCRA/CERCLA samples were less than the PDSP unrestricted release limits. There are concrete masonry unit (CMU) cinderblock walls and floor tiles remaining in B559 that will be removed and managed as LLW Non-friable Category 1 Asbestos Containing Materials (ACM) during building demolition.

S. Gunderson  
05-DOH-00072

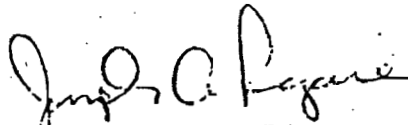
2

FEB 09 2005

There are also CMU cinderblock walls and floor tiles remaining in B561 that will be removed and managed as sanitary Non-friable Category 1 ACM during building demolition.

Questions may be directed to Gary Morgan, Rocky Flats Project Management, at (303) 966-6003.

Sincerely,



Joseph A. Logare, Director  
RFPO Project Management

Enclosure

cc w/o Encl:

S. Nesti, K-H RISS Env  
C. Freiboth, K-H RISS D&D  
K. Wiemelt, K-H RISS D&D  
M. Aguilar, USEPA  
D. Abelson, RFCLOG

cc w/Encl:

G. Morgan, RFPM, RFPO  
D. McCranie, HQCPM, RFPO  
Administrative Record

# STATE OF COLORADO

Bill Owens, Governor  
Douglas H. Benevento, Executive Director

*Dedicated to protecting and improving the health and environment of the people of Colorado*

4300 Cherry Creek Dr. S.  
Denver, Colorado 80246-1530  
Phone (303) 692-2000  
TDD Line (303) 691-7700  
Located in Glendale, Colorado

Laboratory and Radiation Services Division  
8100 Lowry Blvd.  
Denver, Colorado 80230-6928  
(303) 692-3090

<http://www.cdphe.state.co.us>



Colorado Department  
of Public Health  
and Environment

February 14, 2005

Mr. Joe Legare  
Director, Project Management Division  
U.S. Department of Energy, Rocky Flats Project Office  
10808 Highway 93, Unit A  
Golden, CO 80403-8200

**RE: Pre-Demolition Survey Report (PDSR) for Building 561 - Approval**

Dear Mr. Legare:

The Colorado Department of Public Health and Environment, Hazardous Materials and Waste Management Division has reviewed the PDSR for Building 561 (Version 0, dated February 2, 2005) as provided to us by Kaiser-Hill/RISS. Your letter regarding this PDSR, dated February 9, 2005, was received on February 11, 2005. However, the PDSR for B561 was not included with your letter. Based on our concerns raised with the PDSR for B559, additional data was collected to alleviate similar concerns with the sufficiency of the PDS performed for B561. We have received the additional radiological data from KH/RISS that provides appropriate data to meet the PDSP Data Quality Objectives. Based on the information contained in this PDSR and inclusion of the additional data collected, we are hereby approving the PDSR for Building 561.

Please provide us with a final copy of the PDSR for Building 561, including the additional radiological data acquired.

As stated in this PDSR, radiologically contaminated areas and equipment remain in B561 that will be removed. We expect that, as stated, all of the remaining contaminated areas and equipment will be properly identified, protected, segregated, controlled, and removed.

We expect that all demolition activities and related issues will be discussed and resolved utilizing the consultative process.

If you have any questions regarding this correspondence please contact me at (303) 692-3367, Denise Onyskiw at (303) 692-3371 or (303) 966-6687, or David Kruchek at (303) 692-3328.

Sincerely,

Steven H. Gunderson  
RFCA Project Coordinator

cc: Warren Seyfert, DOE  
Dave Shelton, KH  
Steve Nesta, KH  
J. Mike Swartz, KH

~~Duane Parsons, KH~~  
Mark Aguilar, EPA  
Sami Garcia, EPA  
Administrative Records Building T130G

4/9